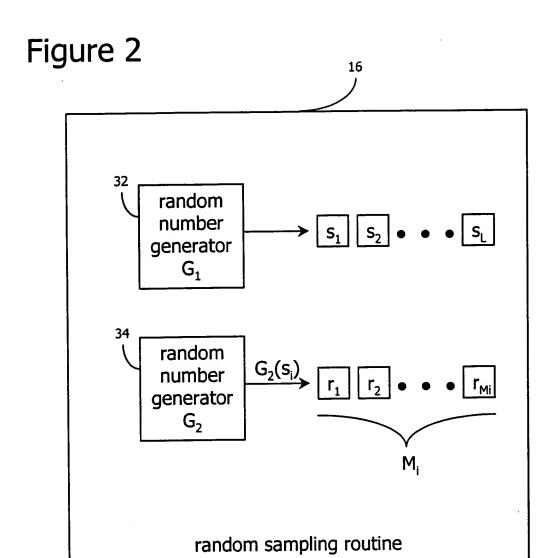
Figure 1 100 10 10 10 node L node 2 node 1 array A₂ array array A 12 N_L tuples N₂ tuples N₁ tuples storage storage storage relation 24 24 20 -16 16 random random random sampling sampling sampling routine routine routine processor processor processor 26 26 26





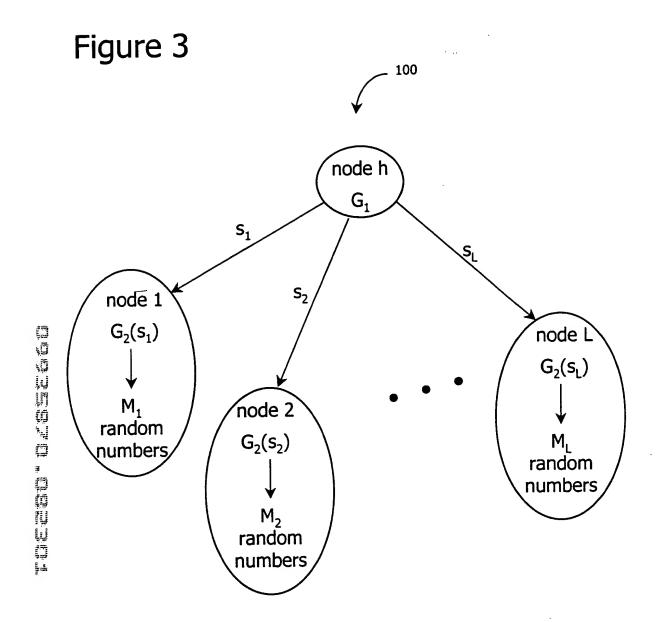


Figure 4

value of random number:

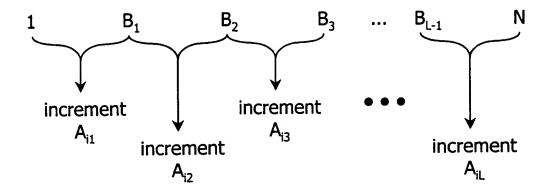


Figure 5



